



Loudoun County, Virginia

Department of Management and Financial Services
Division of Procurement
MSC #41C
1 Harrison Street, SE, 4th Floor
Leesburg, Virginia 20175
www.loudoun.gov/procurement

November 7, 2007

NOTICE TO BIDDERS

ADDENDUM NO. 1

QQ-01365

The following changes and/or additions shall be made to the original Invitation For Bid No. QQ-01365, Construction of the Purcellville Fire & Rescue Station. Please acknowledge receipt of this addendum by signing and returning with your bid.

1. Attached are questions and answers from the pre-bid conference held on October 31, 2007.
2. The deadline for submitting questions is 5:00, PM, November 8, 2007.
3. Please replace the existing Section 17.9 with the following:

17.9 References

All bidders shall include, with their bids, a list of four (4) references for whom comparable work has been performed. The County views the following types of work as comparable work. Public Safety Centers that contain either a Fire/ Rescue and/or Sherriff component of the same approximate size and scope.

4. **Please note the change in the acceptance date from prior to 4:00 P.M., November 15, 2007 to prior to 4:00 P.M., November 20, 2007.**

Prepared By: Donald R. Legg CPPO /s/ Date: November 7, 2007

Acknowledged By: _____ Date: _____

1. Can the excavated rock remain on site?

A. Yes if material meets project requirements and conforms to final grades.

2. Is the contractor responsible for obtaining permits?

A. The contractor is responsible for obtaining all permits. The County permit fee is waived but fees for other permits, such as the Town of Purcellville are the contractor's responsibility.

3. Does the Davis Bacon Wage Act apply for this project?

A. No

4. Is the cost of blasting for rock excavation paid on a unit price or lump sum basis?

A. Bidders shall include in their base bid amount all costs associated with rock excavation regardless if it is removed by blasting, hoe ram or another method.

5. Is the site unclassified?

A. Yes

6. Is a mandatory pre-blast survey required?

A. Prepare a pre-blast survey per specification section 02315 "Rock Blasting"

7. What are the bonding requirements for this project?

A. A 5% bid bond is required with the bid submission. A 100% Performance and a 100% Payment bond is required of the successful bidder after award of the contract.

8. What are the limits and pavement sections for the concrete aprons outside the apparatus bays?

A. Paving limits are shown on A-062. Paving section will be provided in Addendum No. 2.

9. Are all the wells capped?

A. There are three wells and all three are to be capped and sealed.

10. What is the detail for the generator enclosure?

A. Generator enclosure is to be similar to detail 4A/A-061 with two gates similar to detail 2/A-061

11. Is scheduled 80 PVC pipe required for the roof leader drainage?

A. Schedule 40 PVC pipe may be used.

12. Will the Town of Purcellville permit temporary water for construction?

A. Cannot be determined at this time. Will be addressed in a later addendum.

13. Can the well be used for temporary water?

A. Cannot be determined at this time. Will be addressed in a later addendum.

14. Can soil cement be used?

A. No

15. Can the bid deadline be extended?

A. New bid acceptance is prior to 4:00 P.M., November 20, 2007.

16. Will CAD files be available?

A. No, only PDF files will be made available.

Additional Questions Raised:

17. On Electrical Drawings E-100 & E-101 Fire Floor Plan Areas A & B, several rooms have a box with the initials "OS" – What does OS stand for?

A. "OS" symbol is for an occupancy sensor. See Attachment No. 7 – Sheet ESD-E000R1

18. The Lighting fixture schedule on Drawing E-502 requires a RG-25 fixture to be "surface mounted to the ceiling". However, we have been unable to locate where they are to go and cannot determine a count of the fixtures required.

A. Drawing E-502: In the Lighting Fixture Schedule, delete type "RG-25". Versions of this fixture will be used for the Fire Alerting System but are not included in the work shown on the lighting drawings.

19. Please clarify if Fluid Applied (Epoxy) Flooring is to be installed in this project. The specifications indicate this to be the case, yet the Finish schedule indicates only a concrete sealer.

A. Add Alternate No. 1 is for the Fluid Applied Flooring as specified in Section 09670. Those spaces noted with a "2" in the remarks column of the Finish Schedule on Sheet A-601 are to have Fluid Applied Flooring in lieu of sealed concrete.

CHANGES TO CONTRACT SPECIFICATIONS

1. Specification Section 02315 – Rock Blasting

Add paragraph 1.2.C.

“C. Rock Blasting on property owned by the Northern Virginia Regional Park Authority and Loudoun County Public Schools is prohibited.”

2. Specification Section 10505 – Metal Lockers

Change paragraph 2.2.A to read as follows

“A. Type single and double tier **on a field constructed base.**”

3. Specification Section 10505 – Metal Lockers

Change paragraph 2.2.B 1 and 2 to read as follows

“1. Double Tier: **(Noted as Type 23 on the drawings)**, 18 inches wide by 24 inches deep by 84 inches high-**two 42 inch high units.**”

“2. Full Height: **(Noted as Type 22 on the drawings)**, 18 inches wide by 24 inches deep by 60 inches high with a 24 inch high box **below for a total height of 84”.**”

4. Add specification Section 10526 – Automatic External Defibrillator (AED) Monitoring System – Attachment No. 9.

5. Specification Section 16721 – Addressable Fire Alarm System

Revise Specification Paragraph 16721.2.18 as follows:

2.18.1 SINGLE OR MULTIPLE STATION SMOKE DETECTORS

A. Smoke detectors for the residential areas will be UL listed to standard 217 and suitable for operation on 120 volts, AC. Each detector will be complete with the following:

1. Built-in evacuation horn rated 85 db at 10 feet.
2. Power-on indicator.
3. Alarm indicator.
4. Tamperproof locking base.
5. Interconnection capability.
6. Color will be off white.
7. Ability to connect in tandem.
8. Operating range from 10-90% relative humidity and 40-100°F temperature.

- B. Detectors will be of a design to minimize nuisance alarms from cooking odors and aerosol sprays. Each unit will be suitable for wall or ceiling mounting and will operate on the photoelectric light scatter principal.
- C. Smoke detectors will be similar to BRK Electronics Model 4120B.

CHANGES TO CONTRACT DRAWINGS

1. Sheet A-112 Reverse the direction of the stair to the mezzanine per Attachment No. 1 and No. 2.
2. Increase the size of each site sign by two feet in length and add a cast aluminum sign of the County Seal to the right. The other cast aluminum logo shall be the logo of the Rescue Squad and the Fire Department – per Attachments 3 and 4.
3. Add an exterior speaker control switch to Control Panel B per Attachment 5
4. Full Height Lockers (Type 23) are to have the 24” high box on the bottom per Attachment 6.
5. Drawing E-000: Add Occupancy Sensor (OS) symbol to the legend as indicated in the attached Sketch “ESD-E000R1” – Attachment No. 7.
6. Drawing E-300: In the Symbol Legend – Fire Alerting, change the description for the combination volume control and speaker input selector switch to indicate that this equipment is to be mounted in a three gang box, not a two gang box as currently shown. The third gang will be for future use. Provide a three gang box cover.
7. Drawing E-300: Delete the symbols shown for keypad reader and electric strike at door numbers 028 and 046. These doors will now have unrestricted access.
8. Drawing E-301: Reword Note 1 below the Relay Panel Schedule to read “Relay cabinet to be mounted on plywood backboard shown on the Mezzanine. Location on board as directed in the field.” Add a new Note 3 reading “3. Relay panel to be LC&D Type GR1416, or approved equal, with 11 relays and 5 blank spaces for future relays.”
9. Drawing E-502: In the Lighting Fixture Schedule, delete Type “RG-25”. Versions of this fixture will be used for the Fire Alerting System but are not included in the work shown on the lighting drawings.
10. General – Fire Alerting Speaker Zone F2 and Rescue Alerting Speaker Zone RS3: The Contractor shall provide two toggle switches in Control Room 016 to enable the outdoor alerting speakers on these zones to be turned off by fire personnel. Cabling for these zones shall run from the terminal blocks on the Mezzanine to the toggle switches and then on to the speakers noted as being served by these zones. These switches will be incorporated into the Control Panels located in the room. See the Architectural plans for location details.

11. Clarification – Fire Alerting Speaker System – All work for the Fire and Rescue Alerting Speaker System as shown on the E-300 series drawings is included under the electrical work. Headend equipment will be provided by Loudoun County and will be located at the plywood board on the Mezzanine. The Contractor is to furnish and install all speakers, volume controls, selector switches and cabling shown and noted on the plans. Cabling will be terminated on terminal blocks on the plywood sheet on the Mezzanine for extension to amplifier outputs by others. Note that cabling for Fire Alerting signals and cabling for Rescue Alerting signals are to be terminated on separate terminal blocks with all zones identified as labeled on the plans (e.g. F1 indicates Fire Alerting Zone 1, RS1 indicates Rescue Alerting Zone 1, etc.)

12. Equipment for Speaker System to be as follows:

Speakers – Atlas C5AT72 with 51-8 Baffle and BMT95-8-7 Backbox

Volume Controls – Atlas AT10

4 Position Switch – Similar to Allen-Bradley Bulletin 800E

2 Pr, 20 AWG Sound Cabling – West Penn 25359

1 Pr., 20 AWG Sound Cabling – West Penn 25292B

13. Clarification – Fire Alerting Lights and Strobes – All work for the Fire and Rescue Alerting Light System as shown on the E-300 series drawings is included under the electrical work. The Contractor is to furnish all fixtures, lamps, conduit, wiring, power connections and the relay control panel as shown and noted on the plans. All alerting lighting is 120 volt and is controlled via the relay panel mounted on the plywood board on the Mezzanine. Control wiring to actuate the relays (i.e. turn lights on and off) will be by Loudoun County.

14. Drawing FA-000: Add General Note 25 as indicated in the attached Sketch "FASD-FA000R1" – Attachment No. 8.

ATTACHMENTS

Attachment No. 1 Partial Floor Plan – Sheet A-112

Attachment No. 2 Attic Mechanical Roof Well Plan A-120

Attachment No. 3 Rescue Site Sign Detail Sheet A-202

Attachment No. 4 Fire Site Sign Detail Sheet A-203

Attachment No. 5 Control Panel B Sheet A-201

Attachment No. 6 Typical Corridor Elev. Sheet A-401

Attachment No. 7 Switches – Sheet ESD-E000R1

Attachment No. 8 General Notes – Sheet FASD-FA000R1

Attachment No. 9 Specification Section 10526 dated 11-5-07